

**X(4200)<sup>±</sup>**

$$I(J^P) = ?(1^+)$$

OMITTED FROM SUMMARY TABLE

Reported by CHILIKIN 14 in  $J/\psi\pi^+$  at a significance of  $6.2\sigma$ . Assignments of  $0^-$ ,  $1^-$ ,  $2^-$ , and  $2^+$  excluded at  $6.1\sigma$ ,  $7.4\sigma$ ,  $4.4\sigma$ , and  $7.0\sigma$  level, respectively. Needs confirmation.

**X(4200)<sup>±</sup> MASS**

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<b>4196<sup>+31+17</sup><sub>-29-13</sub></b>	CHILIKIN 14	BELL	$\overline{B}^0 \rightarrow J/\psi K^- \pi^+$

**X(4200)<sup>±</sup> WIDTH**

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<b>370<sup>±70+70</sup><sub>-132</sub></b>	CHILIKIN 14	BELL	$\overline{B}^0 \rightarrow J/\psi K^- \pi^+$

**X(4200)<sup>±</sup> DECAY MODES**

<u>Mode</u>	<u>Fraction (<math>\Gamma_i/\Gamma</math>)</u>
$\Gamma_1 \quad J/\psi\pi^+$	seen

**X(4200)<sup>±</sup> BRANCHING RATIOS**

<u><math>\Gamma(J/\psi\pi^+)/\Gamma_{\text{total}}</math></u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>	<u><math>\Gamma_1/\Gamma</math></u>
<b>seen</b>	CHILIKIN 14	BELL	$\overline{B}^0 \rightarrow J/\psi K^- \pi^+$	

**X(4200)<sup>±</sup> REFERENCES**

CHILIKIN 14 PR D90 112009 K. Chilikin *et al.* (BELLE Collab.)